

Citric Acid

Active Constituent	Citric Acid		Formulation	Water Soluble Crystals
Adjuvant Group	Water Conditioner			
Price ex GST	\$4.00/kg	Typical Pack Size	25kg	
Poison Schedule	-	Dangerous Goods Class	-	UN -
Packing Code	-			
Use	Citric acid bagged product provides the following activity: - Acidifier; decreases spray water pH. - Chelating agent; can reduce water hardness (binds with Calcium, Iron and Magnesium ions).			
Compatibility	MCPA, 2, 4-D and Clopyralid (incompatible with Boom Cleaner and Alkaline compounds/products).			
Water Quality	Not affected by water quality.			
Similar Products	-			
Situation	Purpose	Rate	Comments	
Alkaline and hard water	Acidifies spray tank solution and reduces alkaline hydrolysis of susceptible products	0.5 - 2kg/1000L of spray water	Add to water prior to the addition of other products.	
Comments				
Rate required depends on situation (pH of water, and product/s to be tank mixed). Perform a jar test on spray water to ascertain required rate for target pH of specific herbicide/s (e.g. pH 5-6 for weak acid herbicides such as Glyphosate, Amine Phenoxys, Paraquat and Clethodim). Ensure crystals are dissolved and pH is adequate before adding other products.				